

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062821\
 Data File : VW019343.D
 Acq On : 28 Jun 2021 11:42
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025103

Quant Time: Jun 28 12:16:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 28 12:14:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	530930	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	476894	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	243034	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	164695	23.833	ug/L	0.00
7) Chloroethane-d5	2.892	69	131742	22.512	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.032	63	344957	24.907	ug/L	0.00
21) 2-Butanone-d5	7.080	46	84606	46.927	ug/L	0.00
24) Chloroform-d	7.653	84	347979	24.623	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	177809	22.703	ug/L	0.00
32) Benzene-d6	8.275	84	714803	26.067	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	213366	25.696	ug/L	0.00
41) Toluene-d8	10.323	98	650543	25.840	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	84708	24.029	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	69333	50.136	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	160067	23.880	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	211570	24.887	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	156346	23.424	ug/L	94
3) Chloromethane	2.215	50	147965	23.456	ug/L	100
5) Vinyl chloride	2.367	62	221565	23.465	ug/L	98
6) Bromomethane	2.782	94	123547	18.269	ug/L	97
8) Chloroethane	2.928	64	122357	22.042	ug/L	97
9) Trichlorofluoromethane	3.263	101	121279	23.455	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	174084	23.412	ug/L	97
12) 1,1-Dichloroethene	4.050	96	174486	23.813	ug/L	94
13) Acetone	4.129	43	49915	33.180	ug/L	84
14) Carbon disulfide	4.391	76	564674	24.305	ug/L	99
15) Methyl Acetate	4.672	43	74023	23.329	ug/L	99
16) Methylene chloride	4.928	84	195491	20.284	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	191664	24.112	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	231505	22.997	ug/L	95
19) 1,1-Dichloroethane	6.220	63	345171	24.454	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	201800	24.422	ug/L	95
22) 2-Butanone	7.177	43	92171	44.349	ug/L	100
23) Bromochloromethane	7.513	128	87066	24.013	ug/L	97
25) Chloroform	7.677	83	339238	23.769	ug/L	99
27) 1,2-Dichloroethane	8.403	62	210097	22.011	ug/L	98
29) Cyclohexane	7.958	56	328382	26.429	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	255286	23.820	ug/L	99
31) Carbon tetrachloride	8.074	117	240552	24.132	ug/L	100
33) Benzene	8.323	78	792685	25.469	ug/L	100
34) Trichloroethene	9.098	95	195675	24.317	ug/L	94
35) Methylcyclohexane	9.336	83	354079	25.315	ug/L	96
37) 1,2-Dichloropropane	9.372	63	191217	25.093	ug/L	99
38) Bromodichloromethane	9.646	83	235371	24.083	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	291788	24.911	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	207337	46.609	ug/L	96
42) Toluene	10.390	91	824277	24.795	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	249836	24.340	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	134997	23.878	ug/L	96
46) Tetrachloroethene	10.866	164	155370	25.081	ug/L	96
48) 2-Hexanone	10.969	43	143121	47.941	ug/L	96
49) Dibromochloromethane	11.128	129	150940	24.060	ug/L	98
50) 1,2-Dibromoethane	11.238	107	126499	23.140	ug/L	100
51) Chlorobenzene	11.658	112	515143	24.834	ug/L	97
52) Ethylbenzene	11.731	91	903714	24.705	ug/L	97
53) m,p-Xylene	11.841	106	343812	25.378	ug/L	99
54) o-Xylene	12.164	106	324333	25.265	ug/L	94
55) Styrene	12.183	104	558998	25.336	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	159122	23.045	ug/L	98
59) Bromoform	12.353	173	82360	22.694	ug/L	98
60) Isopropylbenzene	12.463	105	869614	24.311	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	118425	22.442	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	736597	25.070	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	733072	24.943	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	381696	24.433	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	380438	23.827	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	339451	24.158	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	24753	21.656	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	267021	23.793	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	229715	24.766	ug/L	98
71) Naphthalene	15.365	128	448165	24.526	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	194956	23.784	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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